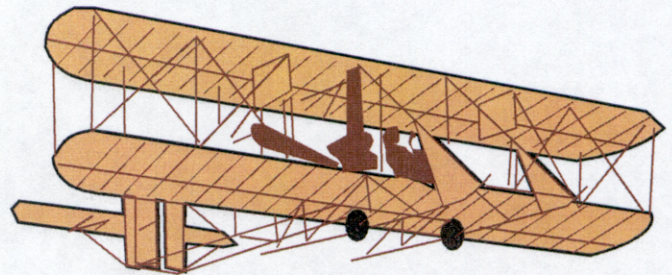


Wright-Patterson AFB, Ohio

Economic Impact Analysis



1903 - 2003



30 September 2001

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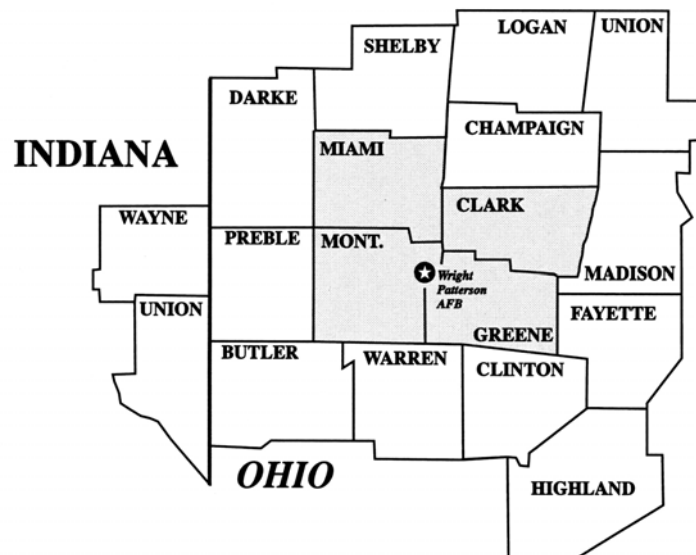
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PREFACE

This document was formerly called the Economic Resource Impact Statement (ERIS). In August 1995, the Secretary of the Air Force for Financial Management specified a new methodology for computing a military installation's economic impact and changed the name of the document from the ERIS to the Economic Impact Analysis (EIA). The change makes Air Force EIA estimates consistent with the Office of the Secretary of Defense (OSD) Base Realignment and Closure (BRAC) Commission methodology. The biggest difference between the former ERIS and the EIA is in the definition of an installation's economic area. Wright-Patterson's economic area was formerly referred to as the Economic Impact Region, a 50-mile commuting radius from the base including the 18 counties shown on the map below. Wright-Patterson's current economic area is referred to as the Dayton-Springfield, OH Metropolitan Statistical Area (MSA) and includes the highlighted counties of Clark, Greene, Miami and Montgomery. It should be noted that in previous fiscal years, approximately 95 to 97 percent of the base employees resided in just this 4-county area and approximately 95 to 97 percent of the base payroll was also distributed there.

The information in this document was gathered from various organizations at Wright-Patterson Air Force Base, other Air Force agencies, Department of Defense agencies, other federal agencies and private sector sources. The Economic Impact Analysis provides the reader with a capsulated view of one of the largest Air Force bases in the world. The EIA was prepared by the Installation and Support Mission Branch of the 88th Air Base Wing, Financial Management Directorate, Wright-Patterson Air Force Base, Ohio, using as of 30 September 2001 data. Questions or comments concerning the statistics and data contained in this pamphlet may be addressed to Ms. Karen Hillstead, 88 ABW/FMI, 1450 Littrell Rd., Wright-Patterson AFB, OH 45433-5209, commercial telephone (937) 257-7763, or DSN 787-7763.

ECONOMIC AREA FOR WRIGHT-PATTERSON AFB, OHIO



WRIGHT-PATTERSON'S HERITAGE

Wright-Patterson AFB has been a leader in military aviation from the open cockpit days to the aerospace age. The base's past, present and future are all inextricably linked with the Wright brothers' legacy. The Wright brothers called Dayton their home, and Daytonians have long since called their city the "Birthplace of Aviation." The stories of the brothers' early years, their bicycle shop, their printing business and their early aviation efforts are in evidence throughout the greater Dayton area. Today, just off the end of Wright-Patterson's runway, a replica of the Wright brothers' 1905 hangar overlooks their first flying field known as Huffman Prairie, where they, in their own words, "really learned to fly." Huffman Prairie Flying Field has been designated a National Historic Landmark and is now part of the Dayton Aviation Heritage National Historical Park.

Aviation research and development began to flourish at Wright-Patterson during U.S. involvement in World War I. First, Wilbur Wright Field was established in the summer of 1917 as a pilot training school at the site of Wright-Patterson's present flightline in Area C. In the fall of 1917, McCook Field was established as an Air Service engineering center. McCook Field was located at what is now the intersection of State Route 4 and Interstate 75. In 1927, a new aerodrome and a host of research facilities were constructed at Wright Field, on land donated by the citizens of Dayton. This area was an expanded home for the research activities at McCook Field and now comprises Area B.

Wright-Patterson's logistics heritage also dates from World War I, when the Fairfield Aviation General Supply Depot was established adjacent to Wilbur Wright Field. The Fairfield Air Depot, as it became known, was a major Army Air Corps depot through the end of World War II. In 1931, the area encompassing the Fairfield Air Depot, Wilbur Wright Field, and the Huffman Prairie was renamed Patterson Field, in honor of Lt. Frank Stuart Patterson, who died here in 1918 in the crash of a DH-4 while flight-testing a machine gun synchronizer.

In 1948, Wright and Patterson Fields were merged to become Wright-Patterson Air Force Base. The host organization for the new base was the Air Base Wing until the Aeronautical Systems Center assumed the host organization responsibilities on 1 July 1992. The Center is made up of four mission units--Systems Acquisition, 74th Medical Group, the 88th Air Base Wing, and the 311th Human Systems Wing at Brooks AFB, Texas. The 88th Air Base Wing provides base operating support for the installation.

Wright-Patterson is one of the largest, most diverse and organizationally complex bases in the Air Force. It's the headquarters for Air Force Materiel Command and home of Aeronautical Systems Center, the aerospace research and acquisition "center of choice." More than 60 organizations, representing a broad spectrum of Air Force and Department of Defense activities, are located here.

Today, as in the first century of flight, this is where weapon systems of the future are conceived, tested, modified and tested again until worthy of acceptance as part of the most responsive deterrent force in the history of military aviation. Wright-Patterson Air Force Base--the birthplace, home, and future of aerospace.

Yesterday - Today - Tomorrow. That's what Wright-Patterson is all about. The heritage of a legendary past spurs aerospace scientists and logisticians in a quest to "keep 'em flying," faster, higher, farther and safer than man has ever flown before - a legacy we can all be proud of!

CAPITAL ASSETS

(As of: 30 September 2001)

BUILDING CATEGORY	SQUARE FEET
Housing (Includes detached garages and storage buildings)	3,341,967
Community (Includes commissary, BX, BAQ, VAQ/VOQ, and recreation)	2,459,139
Research and Development	4,884,561
Hospital	825,533
All Other Buildings (Includes Operations & Training, Supply, Maintenance & Production, and Administration)	6,553,385
Other Structures and Facilities	651,220
Utilities and Ground Improvement	243,353
TOTAL	18,959,158

DORMITORY/TEMPORARY QUARTERS	NUMBER OF UNITS	BED CAPACITY
Airman/NCO	4	360
Visiting Officer/Airman Quarters	8	422
Temporary Lodging Facilities	4	40
Compassionate Care Facilities	16	32
TOTAL	32	854

LAND	ACRES
Fee Owned	7,629
Easements	431
Right of Way	83
Leased	2
TOTAL	8,145

RUNWAYS	LINEAR FEET
Area A	7,000
Area C	12,600
Area B (inactive)	7,147
TOTAL	26,747

FACILITIES DATA	NUMBER OF BUILDINGS
Buildings	447
Family Housing	1,029
TOTAL	1,476

TABLE 1 - SUMMARY OF PERSONNEL AND GROSS ANNUAL PAYROLL
BY CLASSIFICATION AND HOUSING LOCATION
(As of: 30 September 2001)

CLASSIFICATION		LIVING ON BASE		LIVING OFF BASE		TOTAL	
		PERSONNEL	PAYROLL \$	PERSONNEL	PAYROLL \$	PERSONNEL	ANNUAL PAYROLL \$
1. APPROPRIATED FUND MILITARY							
	Active Duty	1,526	\$59,132,675	3,169	\$166,028,768	4,695	\$225,161,443
	Air Reserve Technicians	0	\$0	336	\$20,828,000	336	\$20,828,000
	Non-Extended Active Duty	70	\$189,982	2,163	\$18,926,438	2,233	\$19,116,420
	ANG/Reserve						
	TOTAL:	1,596	\$59,322,657	5,668	\$205,783,206	7,264	\$265,105,863
2. ACTIVE DUTY MILITARY DEPENDENTS		4,986		5,843		10,829	
3. APPROPRIATED FUND CIVILIANS							
	General Schedule & Grades Similar (GG)					9,509	\$585,246,856
	Federal Wage Board					585	\$24,898,175
	Other					61	\$5,622,951
	TOTAL:					10,155	\$615,767,982
4. NON-APPROPRIATED FUND CIVILIANS AND PRIVATE BUSINESS							
	Civilian NAF					630	\$10,619,539
	Civilian BX					287	\$4,065,706
	Bank One					10	\$237,171
	Credit Union					27	\$576,255
	TOTAL:					954	\$15,498,671
GRAND TOTAL:						18,373	\$896,372,516

PERSONNEL AND PAYROLL DEMOGRAPHICS

(Fiscal Year 2001)

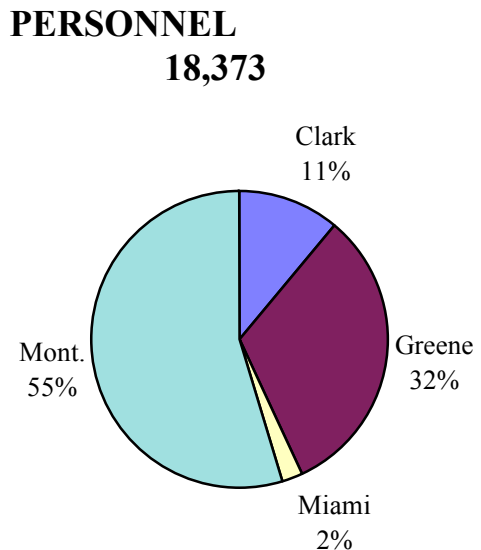
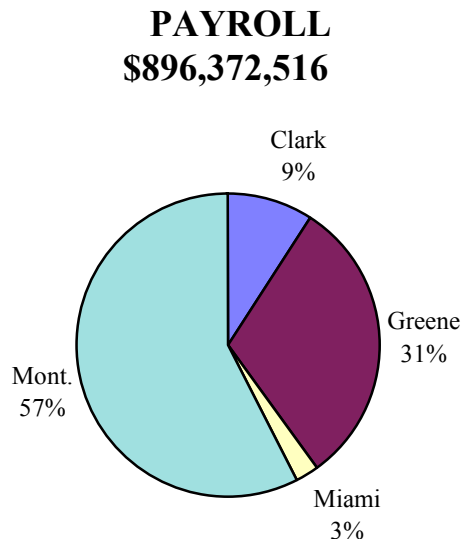
The fiscal year 2001 payroll to Wright-Patterson employees in the local area was over \$2.4 million per day, every day of the year. Although the Bank One and Credit Union personnel are not actually Wright-Patterson employees (they are private business employees and were paid accordingly), they do work at Wright-Patterson AFB and their payrolls are part of the economic impact calculations.

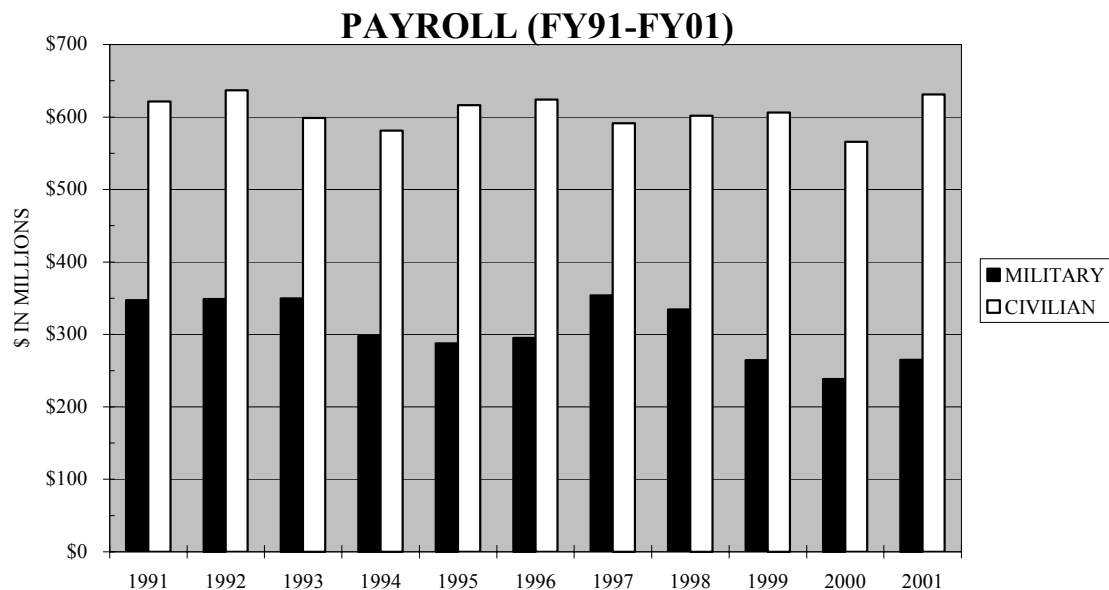
Payroll and personnel totals in the various employee categories are as follows:

	<u>PAYROLL</u>	<u>NUMBER OF PERSONNEL</u>
Appropriated Fund Civilians	\$ 615,767,982	10,155
Appropriated Fund Military	\$ 265,105,863	7,264
Civilian Non-Appropriated Fund	\$ 10,619,539	630
Civilian Base Exchange	\$ 4,065,706	287
Branch Banks/Credit Unions	\$ 813,426	37
TOTAL	\$ 896,372,516	18,373

The majority of Wright-Patterson's military and civilian employees live in the Dayton-Springfield OH Metropolitan Statistical Area (MSA) that includes Clark, Greene, Miami and Montgomery counties. The totals for Greene and Montgomery counties include 1,596 military members who reside in base housing.

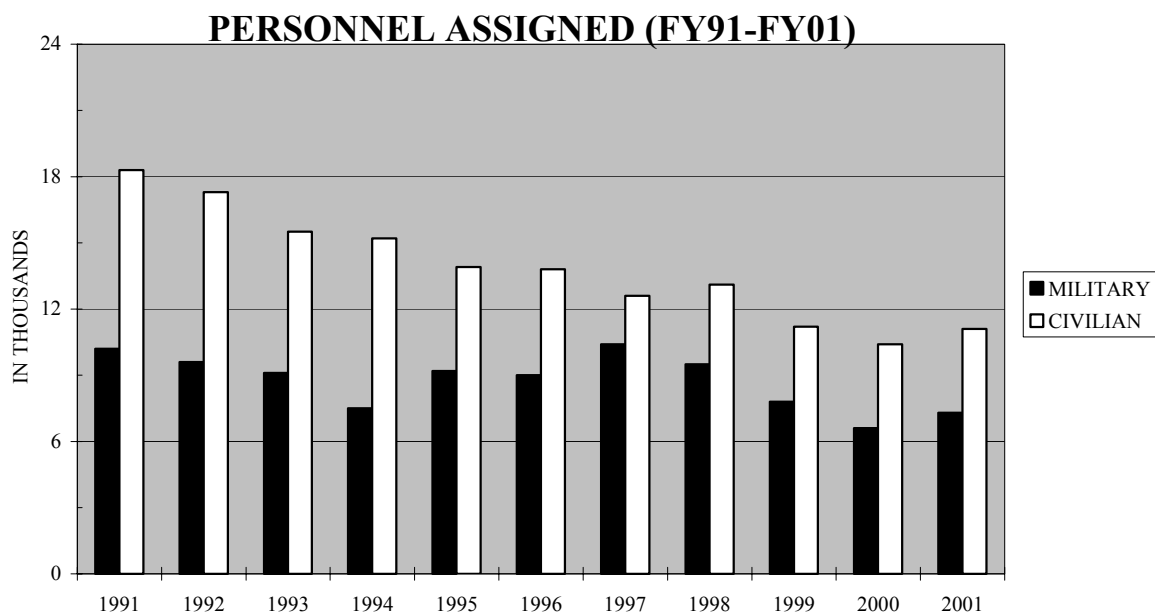
The following graphs breakdown the total personnel and the total payroll into a percentage by county:





	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MIL	\$347.4	\$348.8	\$349.6	\$297.9	\$287.7	\$295.2	\$353.8	\$334.4	\$264.5	\$238.6	\$265.1
CIV	\$621.4	\$637.0	\$598.6	\$581.3	\$616.6	\$623.9	\$591.6	\$601.7	\$606.4	\$566.0	\$631.3
TOTAL	\$968.8	\$985.8	\$948.2	\$879.2	\$904.3	\$919.1	\$945.4	\$936.1	\$870.9	\$804.6	\$896.4

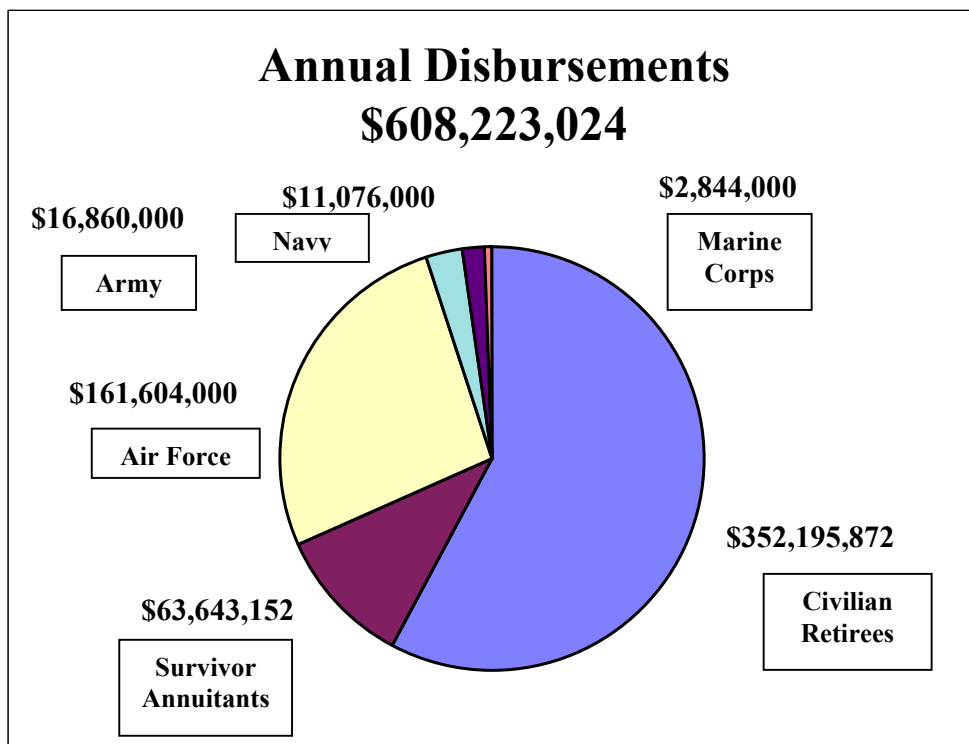
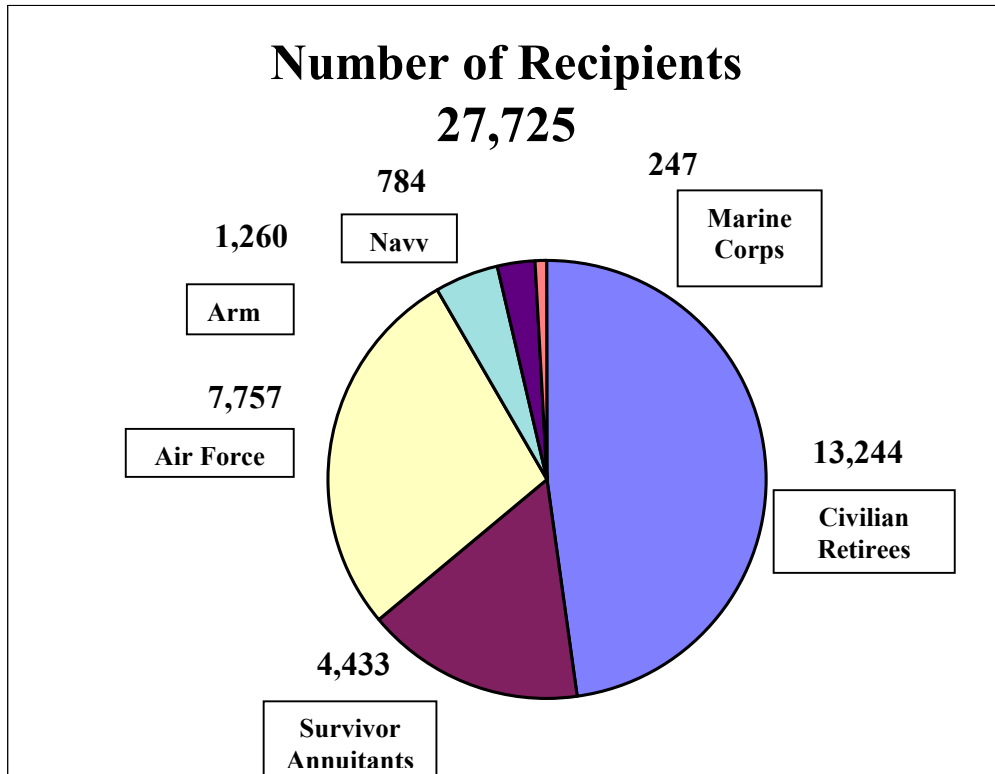
ALL FIGURES FOR FY95-FY01 INCLUDE ONLY THOSE PERSONNEL WHO RESIDE IN THE WPAFB FOUR-COUNTY ECONOMIC AREA (PRIOR YEARS INCLUDED AN 18-COUNTY ECONOMIC AREA). FY95- FY01 MILITARY FIGURES INCLUDE ACTIVE DUTY, AIR RESERVE TECHNICIANS AND WEEKEND RESERVE PERSONNEL (PRIOR YEARS INCLUDED ONLY ACTIVE DUTY). FY95-FY01 CIVILIAN FIGURES INCLUDE BANK ONE AND CREDIT UNION PERSONNEL (PRIOR YEARS DID NOT). FY01 CIVILIANS INCLUDE 868 INTELLIGENCE PERSONNEL NOT PREVIOUSLY CAPTURED.



	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MIL	10.2	9.6	9.1	7.5	9.2	9.0	10.4	9.5	7.8	6.6	7.3
CIV	18.3	17.3	15.5	15.2	13.9	13.8	12.6	13.1	11.2	10.4	11.1
TOTAL	28.5	26.9	24.6	22.7	23.1	22.8	23.0	22.6	19.0	17.0	18.4

Figures rounded to the nearest hundred

AREA MILITARY AND CIVILIAN RETIREES (Fiscal Year 2001)



**TABLE 2 - EXPENDITURES FOR CONSTRUCTION,
SERVICES,
MATERIALS, EQUIPMENT, AND
SUPPLIES***

(As of: 30 September 2001)

	ANNUAL EXPENDITURES
1. CONSTRUCTION	
Military Construction Program	\$34,896,718
Non-Appropriated Fund, Military Family Housing, O&M	\$33,699,479
TOTAL:	\$68,596,197
2. SERVICES	
Services Contracts **	\$555,814,570
RDT&E (not elsewhere included)	\$149,553,906
TOTAL:	\$705,368,476
3. MATERIALS, EQUIPMENT, AND SUPPLIES	
Commissary/BX***	\$3,441,520
Health (CHAMPUS, Govt. cost only) ****	\$11,214,702
Education (Impact aid and tuition assistance)	\$3,714,388
TDY *****	\$15,272,121
Other Materials, Equipment & Supplies (not elsewhere included)	\$93,313,582
TOTAL:	\$126,956,313
TOTAL ANNUAL EXPENDITURES:	\$900,920,986

* Excludes contracts for services supplied to other Air Force installations.

** Includes only contracts in the local economic area or contracts requiring the use of locally supplied goods and services.

*** The increase in the commissary amount is due to the inclusion of contractor services which was not previously included.

**** Includes costs for dependents of active duty personnel, retirees, and dependents of retirees to use civilian medical care

facilities when military facilities are unavailable or when travel to nearest medical facility places undue hardship on the patient.

*****Includes only expenditures for meals and lodging of military and civilian personnel on temporary duty at WPAFB.

ANNUAL EXPENDITURE SUMMARY

WRIGHT-PATTERSON AFB OH – FY01

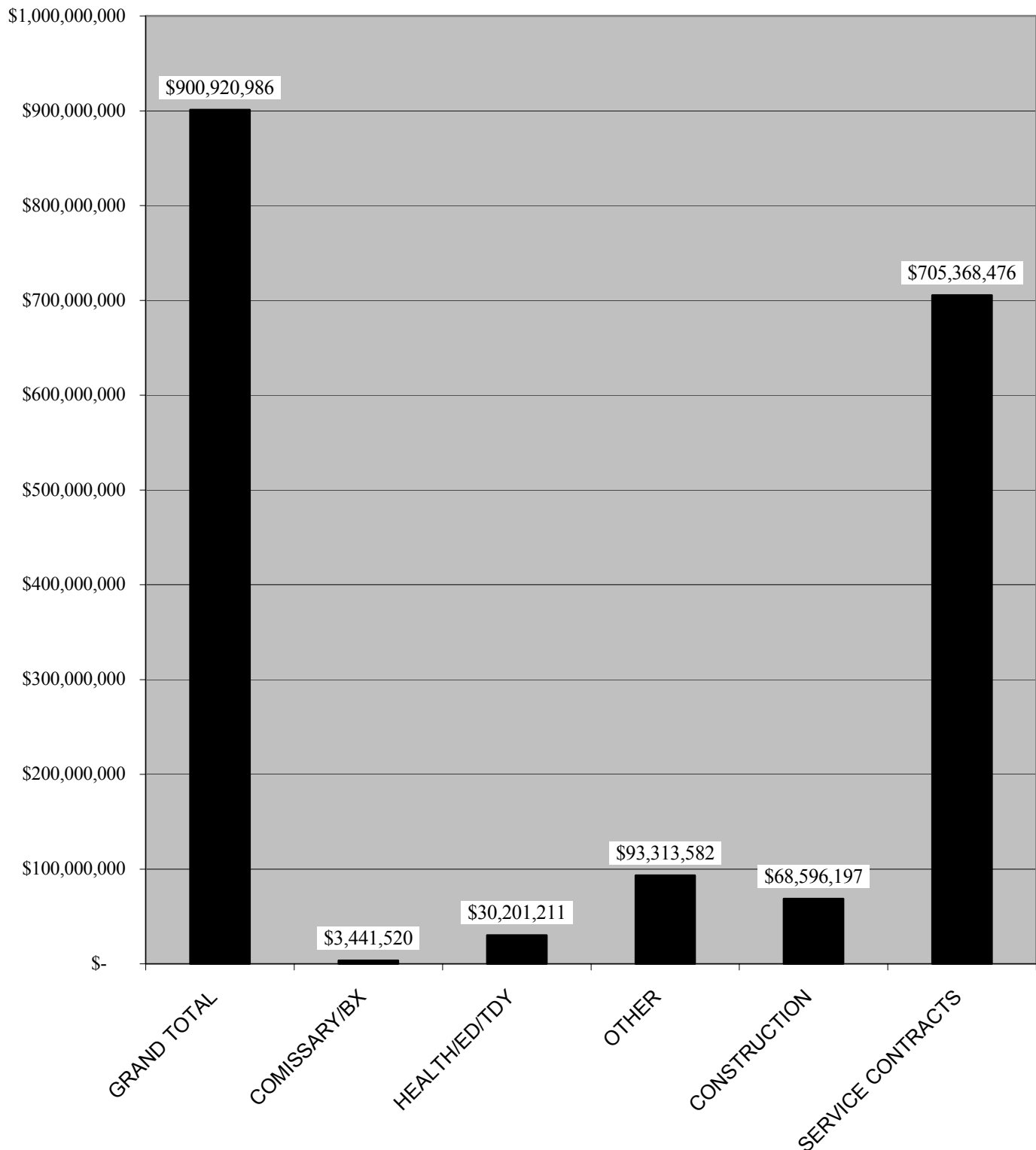


TABLE 3 - ESTIMATE OF NUMBER AND DOLLAR VALUE OF INDIRECT JOBS CREATED

Data Sources:

Multipliers: LMI Economic Impact Database, Installations and Indirect Job Multipliers.

FY00 Average Annual Pay: Bureau of Labor Statistics, U.S. Department of Labor

Type of Personnel	# of Base Jobs	Multiplier	# of Indirect Jobs
MILITARY ACTIVE DUTY	4,695	0.41	1,925
TRAINEES AND RESERVISTS	2,569	0.16	411
DoD CIVILIANS	10,155	1.57	15,943
OTHER CIVILIANS	954	1.57	1,498
TOTAL:	18,373		19,777

AVERAGE ANNUAL PAY FOR THE LOCAL COMMUNITY: **\$33,172**
(2000 BLS Datum is Most Recent)

ESTIMATED ANNUAL DOLLAR VALUE OF JOBS CREATED: \$656,042,644

TABLE 4 - TOTAL ANNUAL ECONOMIC IMPACT ESTIMATE

ANNUAL PAYROLL: \$896,372,516

Military	\$265,105,863
Federal Civilian	\$615,767,982
Other Civilian	\$15,498,671

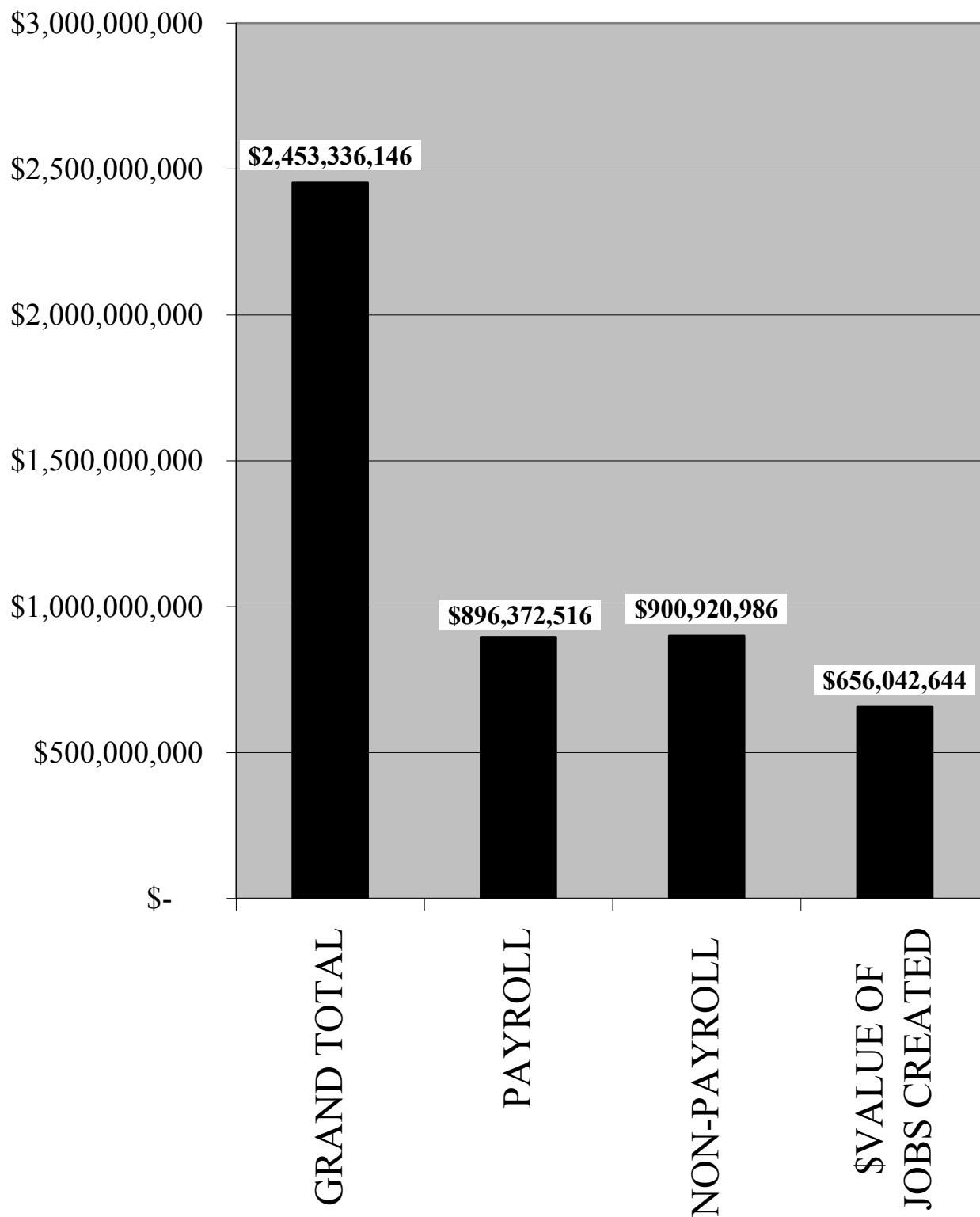
ANNUAL EXPENDITURES: \$900,920,986

ESTIMATED ANNUAL DOLLAR VALUE OF JOBS CREATED: \$656,042,644

Estimated Indirect Jobs Created	19,777
Average Annual Pay	\$33,172

GRAND TOTAL:	\$2,453,336,146
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TOTAL ECONOMIC IMPACT WRIGHT-PATTERSON AFB OH – FY01



EDUCATIONAL IMPACT AID

(Fiscal Year 2001)

Five school districts received funds from the federal government in fiscal year 2001 because children of Wright-Patterson employees made up a certain percentage of their student enrollment.

These funds, known as "impact aid," are distributed each year to qualified school districts on the basis of formulae set by Public Law 81-874 passed in 1951. The program originated as a means of compensating local school districts for losses in tax revenues due to the presence of federal property. Compensation is higher for children whose parents live and work on federal property than for those who only work there. In order to qualify, either the local education agency (LEA) must be serving eligible federally connected children numbering at least 400 in average daily attendance (ADA) or at least three percent of the total number of children in ADA in the district must be federally connected. This threshold is higher for the children of civilian employees. These children may be counted for eligibility and payment purposes only if the combined ADA of such children is 1,000 or more or that number is 10 percent or more of the total number of students in ADA in the district. Several school districts were ineligible due to this more stringent eligibility requirement.

The following is a list of local school districts receiving "impact aid" funds in fiscal year 2001:

<u>School District</u>	<u>County</u>	<u>Federally Connected Students</u>	<u>Impact Aid Amount</u>
Mad River Local	Montgomery	1024	\$1,429,951
Fairborn City	Greene	1664	\$1,147,776
Beavercreek Local	Greene	1628	\$53,341
Huber Heights City	Montgomery	373	\$29,686
Mad River-Green Local	Clark	275	\$5,270
Dayton City	Montgomery	Not an applicant	
Centerville City	Montgomery	Not an applicant	
Kettering City	Montgomery	Not an applicant	
Springfield City	Clark	Not an applicant	
Xenia City	Greene	Not an applicant	
Tecumseh Local*	Clark	Not an applicant	
Miamisburg City	Montgomery	Not an applicant	
Oakwood City	Montgomery	Not an applicant	
West Carrollton	Montgomery	Not an applicant	
Yellow Springs	Clark	Not an applicant	
TOTAL		4964	\$2,666,024

* Formerly New Carlisle-Bethel Local

** Change to Public Law 81-874 affected the eligibility of some schools.

COMBINED FEDERAL CAMPAIGN CONTRIBUTIONS

(Fiscal Year 2001)

Wright-Patterson's record of contributions to the Combined Federal Campaign speaks for itself. Base military and civilian employees have contributed more than \$39 million during the past 20 years.

